

CPSC 225: Computer Hardware Organization

Introduction to the organization and structure of the major hardware components in a computer system. Topics include the mechanics of information transfer and control, the fundamentals of logic design, the mechanics and structure of I/O devices, the processor, and main memory. Conceptual machines (deterministic and nondeterministic finite state machines, turning machines, etc. are also examined).

Credits: 3

Prerequisites:

CPSC 211 and MATH 212.

Program: Computer Science